

Converting Colors

Yxy(71.6410, 0.3179, 0.3269)

Have a look what the booklet for
Yxy(71.6410, 0.3179, 0.3269)
contains.

Yxy(71.6410, 0.3179, 0.3269)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.6410, 0.3179, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E3DADC
RGB	227, 218, 220
RGB Percent	89%, 85%, 86%
CMY	0.1097, 0.1451, 0.1374
CMYK	0.00, 0.04, 0.03, 0.11
HSL	347°, 14%, 87%
HSV	347°, 4%, 89%
XYZ	69.6686, 71.6410, 77.8430
YIQ	220.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

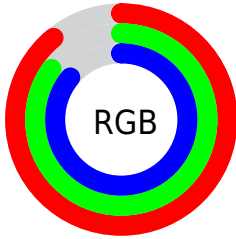
Format	Color
R _Y B	227, 218, 220
Decimal	14932700
CIE Lab	87.80, 3.43, 0.12
CIE LCh	88, 3.428, 2.071
Yxy	71.6410, 0.3179, 0.3269
Android (android.graphics.Color)	4293122780 (0xFFE3DADC)
YUV	220.9190, -0.4531, 5.3330
Hunter-Lab	84.6410, -1.1971, 4.7206

Details

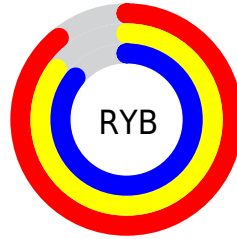
The Yxy color **71.6410, 0.3179, 0.3269** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2933, 0.3078, 0.3311**, and the grayscale version is **72.2494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6817, 0.3195, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **59.7738, 0.3331, 0.3213**, and if you desaturate by 10%, it is **85.2269, 0.3056, 0.3321**.

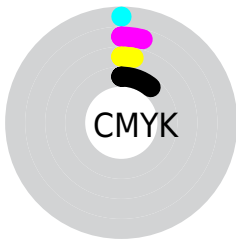
Distribution



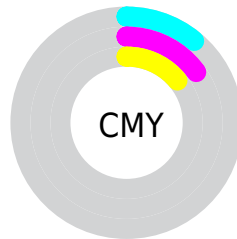
- Red (89%)
- Green (85%)
- Blue (86%)



- Red (89%)
- Yellow (85%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (11%)





- Cyan (11%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.6410, 0.3179, 0.3269 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 71.6410, 0.3179, 0.3269 by changing the saturation by 10% instead.

 71.6410, 0.3179,
0.3269

 71.6410, 0.3179,
0.3269

466.2911, 0.3155,
0.3279

 52.8655, 0.3185,
0.3267


121.5460, 0.3171,
0.3272

 37.6954, 0.3191,
0.3264

153.4442, 0.3167,
0.3274

 25.7464, 0.3200,
0.3260


190.4855, 0.3165,
0.3275

 16.6340, 0.3211,
0.3256

233.0542, 0.3162,
0.3276

 9.9739, 0.3227,
0.3249

281.5347, 0.3160,
0.3277

 5.3816, 0.3250,
0.3240

336.3114, 0.3158,

 2.4729, 0.3286,

0.3278

0.3225

397.7688, 0.3156,
0.3278

0.8630, 0.3354,
0.3197

0.0000, 0.0000,
0.0000

71.6410, 0.3179,
0.3269

71.6410, 0.3179,
0.3269

59.7738, 0.3331,
0.3213

85.2269, 0.3056,
0.3321

49.5477, 0.3518,
0.3155

95.0739, 0.2958,
0.3290

40.8931, 0.3748,
0.3095

33.7316, 0.4028,
0.3038

■ 27.9783, 0.4360,
0.2990

■ 23.5394, 0.4739,
0.2959

■ 20.3099, 0.5145,
0.2956

■ 18.1683, 0.5543,
0.2989

■ 16.9677, 0.5887,
0.3058

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.6410, 0.3141, 0.3238



71.6410, 0.3179, 0.3269



71.6410, 0.3204, 0.3306

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6410, 0.3179, 0.3269



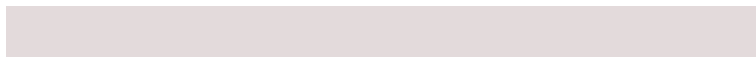
71.6410, 0.3155, 0.3361



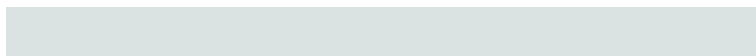
71.6410, 0.3048, 0.3241

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.6410, 0.3179, 0.3269



75.2933, 0.3078, 0.3311

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.6410, 0.3052, 0.3274



71.6410, 0.3179, 0.3269



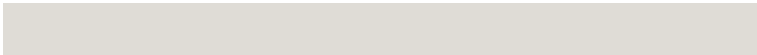
71.6410, 0.3114, 0.3343

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



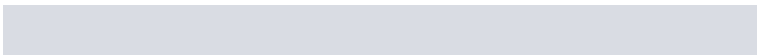
71.6410, 0.3179, 0.3269



71.6410, 0.3190, 0.3359



71.6410, 0.3076, 0.3311



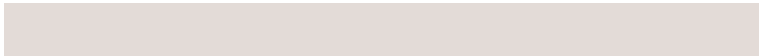
71.6410, 0.3065, 0.3222

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6410, 0.3179, 0.3269



71.6410, 0.3209, 0.3329



71.6410, 0.3076, 0.3311



71.6410, 0.3046, 0.3251

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.6441, 0.3179, 0.3269



98.2560, 0.3140, 0.3285



71.6856, 0.3117, 0.3193



21.0492, 0.3139, 0.3285



0.0000, 0.0000, 0.0000



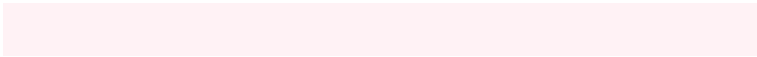
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6441, 0.3179, 0.3269



91.5075, 0.3194, 0.3263



72.7965, 0.3190, 0.3316



15.4366, 0.3203, 0.3260



9.6700, 0.6020, 0.3090



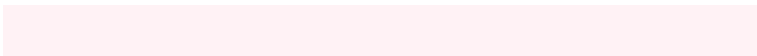
0.7282, 0.5615, 0.2867

Inverse Universe

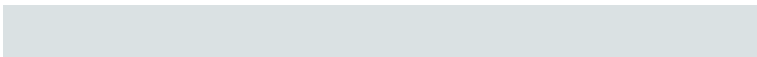
The Inverse Universe completely reimagines the original color for something new.



71.6441, 0.3179, 0.3269



91.5075, 0.3194, 0.3263



74.0952, 0.3066, 0.3264



15.4366, 0.3203, 0.3260



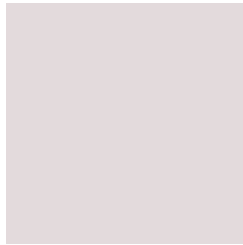
9.6700, 0.6020, 0.3090



0.7282, 0.5615, 0.2867

Previews

White Background



This preview shows how the Yxy color 71.6410, 0.3179, 0.3269 looks on a white background.

Color Contrast Check

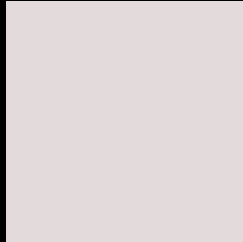
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 71.6410, 0.3179, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

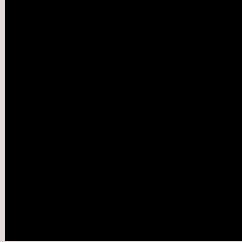
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

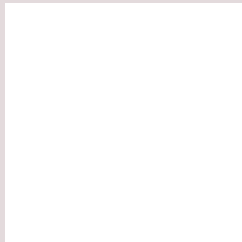
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6410, 0.3179, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 71.6410, 0.3179, 0.3269.

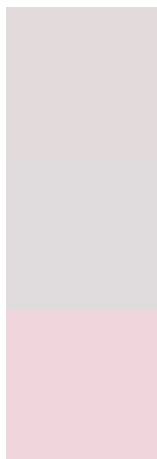


This preview shows how white text looks on a background with the Yxy color 71.6410, 0.3179, 0.3269.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.6410, 0.3179, 0.3269

Protanopia

71.7308, 0.3150, 0.3268

Deuteranopia

71.5097, 0.3279, 0.3207



Tritanopia

71.6529, 0.3107, 0.3110

Trichromacy



Original Color

71.6410, 0.3179, 0.3269

Protanomaly

71.8910, 0.3157, 0.3269

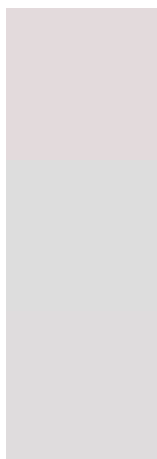
Deuteranomaly

71.6542, 0.3240, 0.3227

Tritanomaly

71.7211, 0.3133, 0.3173

Monochromacy



Original Color

71.6410, 0.3179, 0.3269

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.0948, 0.3142, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6410, 0.3179, 0.3269 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 218, 220)` looks like.

```
.text, #text, p{  
    color:rgb(227, 218, 220)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 218, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 218, 220) }
```

Border

The CSS property to change the border of an element to Yxy 71.6410, 0.3179, 0.3269 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 218, 220) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(227, 218, 220) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(227, 218, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 218, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 218, 220);  
box-shadow:4px 4px 4px 4px rgb(227, 218,  
220) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 71.6410, 0.3179, 0.3269$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 218, 220) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
218, 220) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor